



## Product data sheet

# LNL-8000-MCOM

**Power / Communications Module-Provides RS485 comm & Power to enclosure; Size W 115.8mm x L 260.4mm x H 20.3mm**

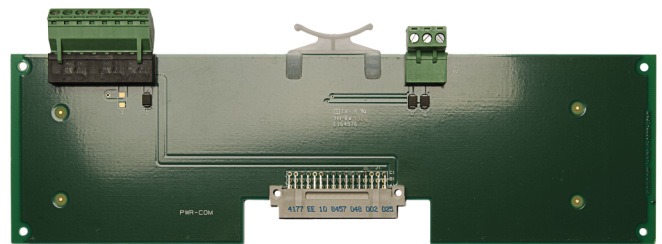
## Product Overview

All boards in the Lenel M Series have been designed to facilitate the migration of legacy Picture Perfect, FC Wnx, or Secure Perfect Systems to Lenel's OnGuard System. The Lenel M Series boards provide a one for one, plug compatible, OnGuard ready, replacement for Legacy CASI M5 and M3000 boards. The migration is a straightforward process of powering down the legacy controller, unplugging field wiring from legacy boards, removing legacy boards, inserting new Lenel M Series boards, plugging in field wiring, and powering up new controller which communicates to the OnGuard System.

LNL-8000-MCOM is used to support configuration of controllers that requires a head of line controller and serial downstream controllers. The LNL-8000-M5 is used in each of the downstream controllers. The LNL-8000-M5 performs two functions, first, it accepts plug connector from legacy M5 Power/Comm board (PN:110064001) for controller power, tamper and AC Power Fail inputs. The LNL-8000-M5, makes power available to other boards plugged into the backplane. Second, the LNL-8000-MCOM takes the RS-485 communications from the LNL-3300-M5, and converts it to the local backplane for the Reader Panels (RPs) and Input/Output boards in the local controller with the LNL-8000-MCOM. The RS-485 communications between the LNL-3300-M5 and the LNL-8000-MCOM can reuse the wiring that was previously used by the legacy CASI Controller for serial communications (RS-422) between controllers.

Lenel M Series Boards are Mercury Authentic, which means they are manufactured by and conform to Mercury Security SDK.

Legacy CASI M Series Boards cannot be mixed with Lenel M Series Boards. If converting M5 or M3000 controller to Lenel M Series, then all boards in that controller must be converted to Lenel M Series.



## Details

- Mercury Hardware for OnGuard, redesign to retrofit into Legacy CASI Controllers
- Provides communications link for LNL-3300-M5 (external) to Reader Panels (RPs) and Input/Output boards in the local controller with the LNL-8000-MCOM
- A single LNL-3300-M5 can support maximum of 32 board addresses
- Use of a LNL-8000-MCOM does not count as a board address
- Mercury Authentic Hardware

# LNL-8000-MCOM

**Power / Communications Module-Provides RS485 comm & Power to enclosure; Size W  
115.8mm x L 260.4mm x H 20.3mm**

## Technical specifications

---

### System

Controller type	Communication Module
Software compatibility	OnGuard
Max. no. of memory	---
PCB only	Yes
LCD intrusion keypad	No

### Readers/doors

Max. no. of doors	---
Max no. of readers	---

### Inputs/outputs

Max no. of inputs	---
-------------------	-----

### Physical

Physical dimensions	298 x 144 x 40 mm
Net weight	80 g
Shipping weight	100 g

### Environmental

Operating temperature	0 to +70°C
Storage temperature	-55 to +85°C
Relative humidity	5 to 95% noncondensing

### Standards & regulation

Compliance	CE, FCC, RoHS, UL 1076, UL 294
------------	--------------------------------

As a company of innovation, UTC Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit UTC Fire & Security online or contact your sales representative.

Last updated on 20 January 2020 - 9:38

